BRUHAT BANGLORE MAHANAGARA PALIKE

DASARAHALLI-ZONE

T.DASARAHALLI-SUB-DIVISION.

Name Of Work: Modified Estimate Providing rain water harvesting facilities in ward No.14 Bagalagunte, T.Dasarahalli Sub Division

EST.COST: 10.00 Lakhs

BRUHAT BANGALORE MAHANAGARA PALIKE

Name of work: Providing rain water harvestig facilities in ward No 14 Bagalagunte, T. Dasarahalli Sub division

Sl. No	Description of Work	Unit	No	Dimension L	B	D	Quantity	Rate in Rs.	Amount in Rs.
	Revised Estimation								
1	KSRRB3 00 - Excavation for road, drains and similar works - KSRRB 300-1. Earthwork excavation by manual means in Ordinary soil involvinga n average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications. MORTH Chapter 3 (P 143/1.19.1P W, P & IWTD -SR 2018-19)								
		cum					Total Qty	0.00	157.00	-
							Schedule-B Qty	675.00		
2	KSRRB M 100-6. Crushing of stone boulders of 150 mm size in an integrated stone crushing unit of 200 tonnes per hour capacity comprising of primary and secondary crushing units, belt conveyor and vibrating screens to obtain stone aggregates of 13.2 mm nominal size including cost of materials, equipments, labour etc. complete. MORTH -100/ Chapter 1 Page No 136, It No 17.8 PWD SR 2018-19								
		cum					Total Qty	0.00	950.00	-
							Schedule-B Qty	300.00		
3	KSRRB M 100-8. Crushing of stone boulders of 150 mm size in an integrated stone crushing unit of 200 tonnes per hour capacity comprising of primary and secondary crushing units, belt conveyor and vibrating screens to obtain stone aggregates of 40 mm nominal sue including cost of materials, equipments, labour etc. complete. MORTH 100/ Chapter 1 Page No 136, It No 17.10 PWD SR 2018-19								
		cum					Total Qty	0.00	950.00	-
							Schedule-B Qty	150.00		
4	KSRRB M 100-7. Crushing of stone boulders of 150 mm size in an integrated Stöné crushing unit of 200 tonnes per hour capacity comprising of primary and secondary crushing units, belt conveyor and vibrating screens to obtain stone aggregates of 20 mm nominal size including cost of materials, equipments, labour etc. cornplete. MORTH 100/ Chapter 1 Page No 136.It no 17.9 PWD SR 2018-19								
							Total Qty	0.00	950.00	-
							Schedule-B Qty	150.00		
5	KSRRB M 1200-46. Sand filling in wells complete as per drawing and technical specifications including cost of all materials, labour, HOM, form works, scaffolding & centering complete as per specifications. MORTH Specification No. 1207								
							Total Qty	0.00	950.00	-
							Schedule-B Qty	75.00		
6	Disposal of debris to the final place of disposal with all lead and lift and as direction by the engineer in charge of the work, lead 4 Km a) Basic rate for haulage of materials as per item No. 17.4/KSRRB M1 00-4.1 Rs. 2.00 Tonne/Km b) Average earth of work 1.28 Tonne/Km for Rs. 2.00/Km c) Add loading and unloading Page No. 133 Item No. 17.1 PWD SR 2018-19								
	Qty wide it no E1	cum	1	32.25			32.25		
							Total Qty	32.25	130.00	4,192.50
							Schedule-B Qty	750.00		
	EIRL Items								
E1	KSRB 2-1.2: Earthwork in surface excavation in hard soil for levelling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cabels) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface levelled and nearly dressed, disposed earth to be levelled after breaking of clods and neatly dressed as per specifications. No. KBS 2.1 (A) /2.3.1 (P.5/I.2.2 PW, P & IWTD SR 2016-17)								
		cum	42	2.50	1.50	0.30	47.25		
	Basic Rate	233.20							
	Add Tender Premium 4.99 %	11.64							
	Final Rate	**244.84**							
							Total	47.25	244.84	11,568.53
E2	KSRB 4.1-2 : Providing and laying in position plain cement concrete of mix M10 with OPC cement @ 220kgs, with 40mm and down size graded granite metal course aggregates @ 0.892 cum and fine aggregates @ 0.465 cum machine mixed, concrete laid in laye not exceeding 15cms. Thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specifiacation No. KBS 4.1, 4.2 (P.12/I.4.2) PWD-SR 2016-17)								

Sl. No	Description of Work	Unit	No	Dimension L	Dimension B	Dimension D	Quantity	Rate in Rs.	Amount in Rs.
		cum	42	2.50	1.50	0.15	23.63		
	Basic Rate	5348.76							
	Add Tender Premium 4.99 %	266.90							
	Final Rate	5615.66							
						Total	23.63	5615.66	1,32,698.12
E3	KSRB 4-1.5 : Providing and laying in position plain cement concrete of mix M20 with OPC cement @ 300kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.64 cum and fine aggregates @ 0.43 cum, with super5plaster @ 3lts confirming to IS9103-1999 Reaffirmed -52008, machine mixed, concrete laid in laye not exceeding 15cms. thick, well compacted, in foundation, plinth and cills, including cost of materials, labours, HOM of machinery, curing complete as per specifications. Specifiaction No. KBS4.1, 4.2 (Page No. 12, IT. No. 4.5) PWD SR 2016-17								
		cum	42	2.40	1.40	0.15	21.17		
	Basic Rate	5874.52							
	Add Tender Premium 4.99 %	293.14							
	Final Rate	6167.66							
						Total	21.17	6167.66	1,30,569.33
E4	Providing and fixing granite benches including cost of materials labours as per sPecifications (Data Rate Approved)								
		no	42				42.00		
	Basic Rate	10550							
	Add Tender Premium 4.99 %	526.45							
	Final Rate	11076.45							
						Total	42.00	11076.45	4,65,210.69
E5	KSRB 4-6.4: Providing and removing centring, shuttering, strutting,prpping etc.,and removal of form work for vertical surface such as walls at any thickness, including atached pilasters, buttresses, plinth cills and string courses cost of all materials, labours complete as per specifications NO. KBS 4.6.2 P-16, IT NO. 4.31 PWD SR 18-19								
		sqm	42	2	2.40	0.30	60.48		
			42	2	1.40	0.30	35.28		
	Basic Rate	379.48							
	Add Tender Premium 4.99 %	18.94							
	Final Rate	398.42							
						Total	95.76	398.42	38,152.32

providing rain water harvestig facilities in ward No 14 Bagalagunte, T. Dasarahalli Sub division

Sl. No	Description of Work	Unit	No	Dimension L	B	D	Quantity	Rate in Rs.	Amount in Rs.
1.1	SRB 15.3.11 Providing 20mm thick cement plaster in single coat with cement mortar 1:4, to stone masonary and concrete surface including rounding off corners wheresever required smooth rendering providing and removing scaffolding, including cost of materials, labours, curing complete as per specifications (P-116, I T 15.19, PWD SR 18.19)								
		sqm	42	1	2.40	1.40	141.12		
			42	2	2.40	0.20	40.32		
			42	2	1.40	0.20	23.52		
	Basic Rate	287.26							
	Add Tender Premium 4.99 %	14.33							
	Final Rate	301.59							
						Total	204.96	301.59	61,814.78
							Total Construction Cost		8,44,206.25

Tender Approved amount	₹ 8,44,725.00
Amount as per modified estimation	₹ 8,44,206.25
Savings	₹ 518.75

Assistant Engineer
Ward 12
BBMP - Bangalore

Assistant Executive Engineer
Dasrahalli Sub-Division
BBMP - Bangalore

Executive Engineer
Dasarahalli
BBMP - Bangalore

Technically Sanctione for Rs. 8:44 lakhs/-
Rs. In words Rs. Eight lakhs forty four thousand Two Hundred & Six only.
Under P-1771
Job Code No 014-20-000002
Registered as CE No 1771/2021-22 Subject to conditions contained in Enclosed Memo No. CE/D2/TS/39/2021-22
AE/JE: TA CE(D)

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Rs. In words Rs. Eight Lakhs forty four thousand Two Hundred & Six only.
Under P-1771
Job Code No. 014-20-000002
Registered as CE No CE/D2/TS/44/21-22
to conditions contained in Enclosed Memo
No CE/D2/TS/44/21-22 dated 10/01/2022
AE/JE: TA